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TITLE : PROTECTING METHOD FOR PRINTED MATTER

ABSTRACT : PURPOSE: To improve waterproofness and light fastness by applying and impregnating a specific compound to the surface of a picture recorded with water base ink on a recorded material by an ink jet system.

CONSTITUTION: Liquid containing an acrylic urethane-based resin and ultraviolet absorbent is applied and impregnated to the surface of the picture recorded with water base ink on the recorded material, following which plastic film is pressing adhered thereto. For acrylic urethane-based resin a product material reacting between acrylic polyole and isocyanate compound is preferable, and the normal ratio in use amount of an NCO group of the isocyanate compound with respect to the hydroxyl group of acrylic polyole is preferably 0.8-1.2. The ultraviolet absorbent can be selected from commercially available products, and a necessary amount is 1 to 10wt% with respect to the solid portion of the coating layer. The thickness of the coating layer made of the product material reacting between acrylic polyole and isocyanate compound and of the ultra violet absorbent is preferably 2 to 20 μ m.

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